

BIO POWER GASOIL B20 - Grade 2



LOW CARBON FUEL FOR TRANSPORT
FOR THE TRANSPORT OF THE FUTURE



BIOPOWER G20-Grade 2 represents a step forward in sustainable transportation, combining performance with environmental responsibility. By using this innovative biofuel, we can help create cleaner, greener cities while reducing our carbon footprint. Embrace the future of transport with a commitment to cleaner air and sustainable practices.

Developed from vegetable oils and residues, Biopower G20-Grade 2 is a low-emission fuel specifically designed to reduce the environmental impact of urban transportation and cargo, contributing to cleaner and more sustainable cities. It promotes significant improvements in air quality and a reduction in carbon footprint, aligning with global sustainability goals and environmental protection efforts.

Compliance with RED standards and international ISCC certification

DESCRIPTION & SPECIFICATIONS:

Composition: 80% Alkyllic Hydrocarbon Blend; 20% Methyl Esters of Long-Chain Fatty Acids.

Compliance with RED standards and ISCC certification



Product Description: Fuel designed for light or heavy diesel engines. This product complies with Resolutions 1283/06 and 478/09 from the Energy Secretariat.

PROPERTY	UNIT	LIMIT	VALUE	METHOD
Density at 15 °C	g/cm ³	Range	0.810 to 0.870	ASTM D-4052
Kinematic Viscosity at 40 °C	cSt	Range	2.0 to 4.5	ASTM D-445
Flash Point	°C	Minimum	45	ASTM D-93
Water Content	% v/v	Maximum	0.03	ASTM D-6304
Corrosion on Copper Strip	Class	Maximum	1	ASTM D-130
Sulfur	ppm w	Maximum	400	ASTM D-5453
Cetane Index	N°	Minimum	46	ASTM D-976
Oxidation Stability	mg/100 ml	Maximum	2.5	ASTM D-2274
Acidity	mg KOH/g	Maximum	0.5	ASTM D-664
Distillation	°C			ASTM D-86
10% recovered		Maximum	245	
50% recovered		Maximum	310	
85% recovered		Maximum	360	
FAME Content	% v/v	Maximum	20	EN 14078

MONTH	Cold Filter Plugging Point	Cloud Point
JANUARY	7	18
FEBRUARY	3	14
MARCH	0	11
APRIL	0	11
MAY	-3	8
JUNE	-5	6
JULY	-5	6
AUGUST	-3	8
SEPTEMBER	0	11
OCTOBER	3	14
NOVEMBER	7	18
DECEMBER	10	21

STORAGE AND HANDLING

The product can be stored in carbon steel, aluminum, or stainless steel tanks. The tank must be CLEAN AND DRY. To ensure proper fluidity, it is recommended not to store the product at temperatures below 0°C. Water ingress into the storage tanks should be avoided to minimize the risk of contamination and product deterioration.

